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PATENT ABSTRACTS OF JAPAN

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states:(71) Applicant: TOYOTA AUTOM LOOM WORKS
LTD

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(54) HOOD OPENING/CLOSING MECHANISM OF FORKLIFT

(57) Abstract:

PROBLEM TO BE SOLVED: To hold a battery hood at the open position where the workability in checking and exchanging a battery is not damaged, and to avoid the interference of the hood with a handle during the opening/closing operation.

SOLUTION: A battery hood 9 is turnably supported by a bracket 11 fixed to both stays 5 on the rear side through a hinge 12. The hinge 12 comprises a pair of fixed pieces 13 fixed to the bracket 11, a pair of first levers 15 whose first end part is turnably supported by the fixed pieces 13 through a support shaft 14a, and a second lever 16 whose base end is turnably supported by a second end part of the first lever 15 through a support shaft 14b. A damper 19 in which a rod 20a is energized to the

projecting side is arranged between a machine frame and the battery hood 9. In the damper 19, an end part on a cylinder 20 side is turnably connected to the machine frame through a shaft 21, and an end part on the rod 20a side is turnably connected to a bracket 22 in which the end part on the rod 20a side is projected on the battery hood 9 through a pin 23.

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